



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

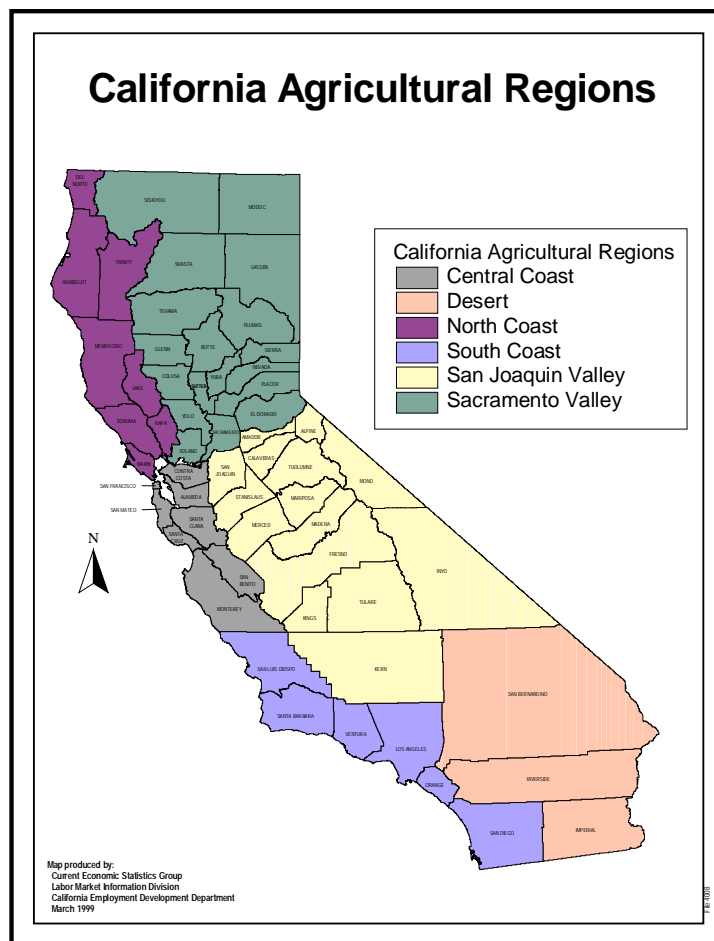
January 2000
(Internet Version)

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Agricultural Overview

This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Introduction

The California Agricultural Bulletin is produced by the Employment Development Department (EDD) in cooperation with the U.S. Department of Agriculture and through a grant from the U.S. Department of Labor. Because of changes in sampling and estimating procedures, farm employment data published by EDD prior to January 1997 may not be strictly comparable to current estimates.

Summary

Employment

California agricultural employment for January 2000 registered a decrease of 4,900 jobs from the previous month for a loss of two percent. An increase was registered in Agricultural Production while Agricultural Services posted a decrease. From December 1999 to January 2000, Production/Crops registered an increase of 2,000 jobs, a gain of one percent. Production/Livestock increased by 1,600 jobs, a gain of eight percent. Agricultural Services registered a decrease of 8,500 jobs, a loss of seven percent. Total California agricultural employment for January 2000 increased 17,900 jobs from the previous year's level. The change in California agricultural employment from December 1998 to January 1999 was a decrease of 35,100 jobs, which reflected the impact of the December 1998 freeze.

Machine Harvesting registered the highest percent change in employment, statewide, with an increase of 141 percent or 3,100 jobs. The largest change in the number of jobs occurred in Ornamental Floral and Nursery crops with a decrease of 8,800 jobs. Total agricultural employment increased in the North Coast, South Coast, and San Joaquin Valley regions while the Central Coast, Desert, and Sacramento Valley regions posted decreases.

Production and Crop Activity

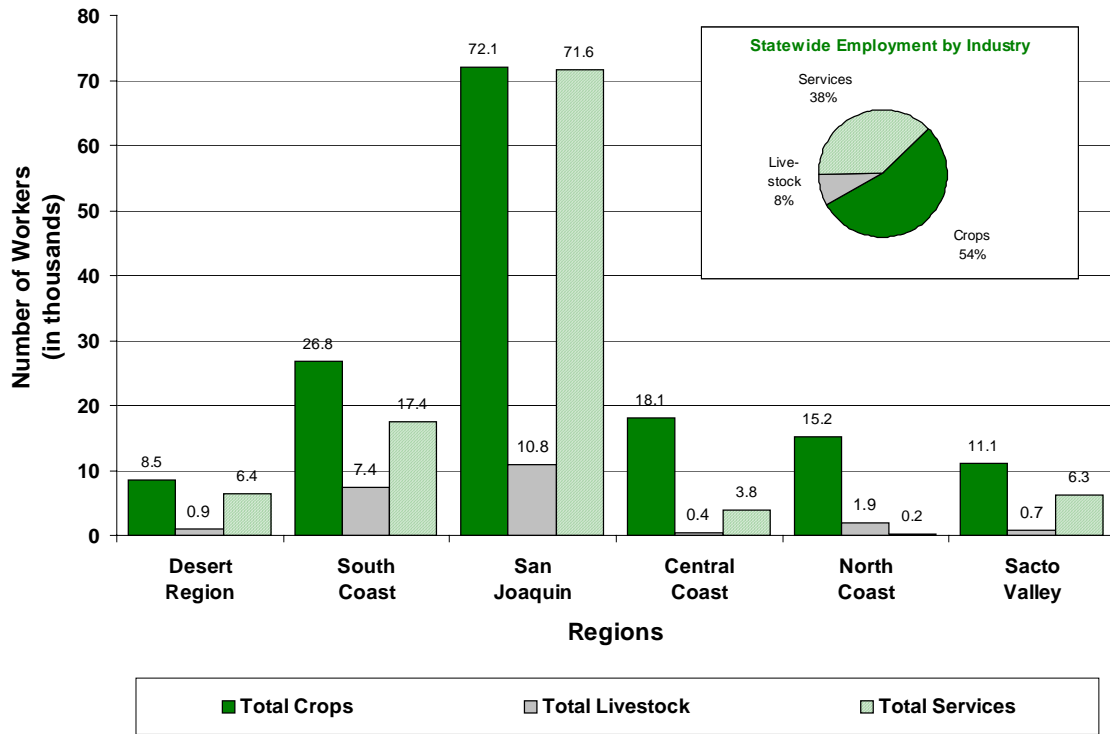
The month began with field activities progressing normally although conditions remained very dry in most areas. Moderate to heavy rainfall began during the second week and halted or delayed many field activities. During the month, however, rice stubble was burned and seedbed preparation was begun for planting the new spring rice crop. Sugarbeet planting was ongoing and growers placed mylar strips in fields to curtail bird damage. Some sugarbeet fields were re-seeded due to a lack of moisture early in the growing season. Ground preparation for tomato, melon and spring planted row crops continued. Strawberry nursery plant digging was active; fields were weeded and some growers covered rows with plastic. Spring lettuce was hand weeded and thinned. Some alfalfa was greenchopped but many fields had gone dormant for the winter. Garlic and onions were planted and the winter harvest of vegetables continued. Vegetables harvested included: broccoli, Cauliflower, bok choy, various greens, sweet peas, romaine lettuce, cabbage, beets, mint, mushrooms, parsley, radishes, turnips, carrots, and cilantro.

Pruning, tree removal, and the planting of cover crops continued in stone fruit orchards although some winter cultural activities and other orchard work slowed due to wet weather. Growers continued to fumigate ground being prepared for the new planting of peach, prune, walnut, and almond trees. Beehives were moved to almond orchards before trees began to bloom. Dormant sprays were applied to some orchards and the harvesting of navel oranges began in the San Joaquin Valley. Grapefruit and lemon picking remained active in southern California. Grape growers pruned vines, tied canes, and sprayed or cultivated to control weeds.

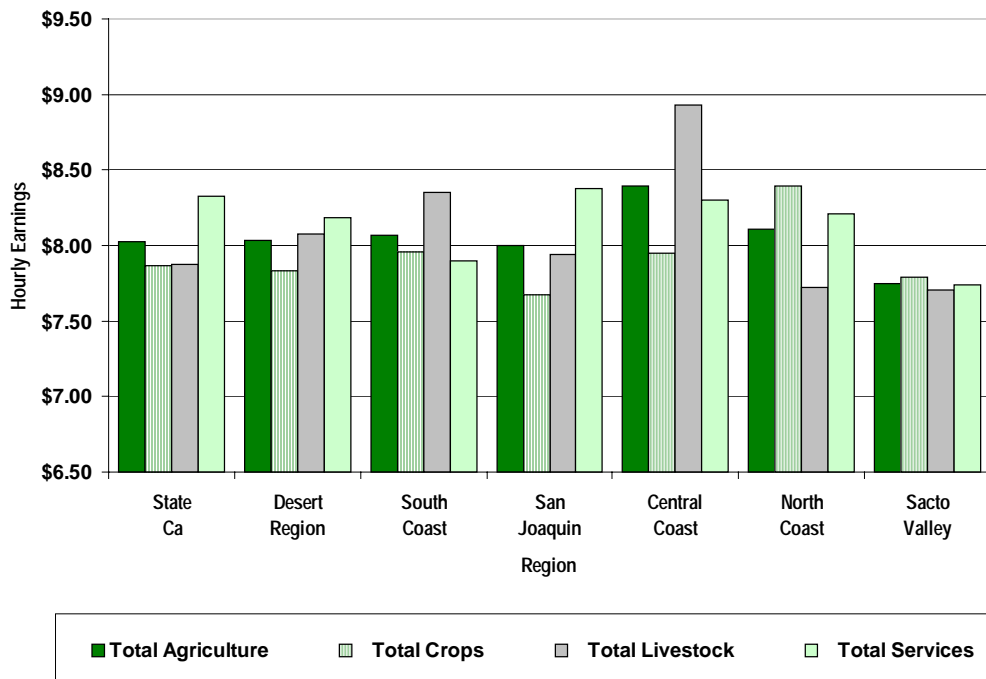
Supplemental feeding of cattle increased during the first half of the month and some operators were hauling water to cattle in the fields.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	279.8	284.7	261.9
Total Agricultural Production/Crops	152.0	150.0	152.4
Cash Grains	1.4	1.2	1.4
Rice	1.0	0.5	0.6
Other Cash Grains	0.4	0.7	0.8
Field Crops Except Grains	12.3	7.2	8.7
Cotton	2.9	2.4	2.9
Other Field Crops	9.4	4.8	5.8
Vegetables and Melons	40.7	33.9	34.0
Total Fruits and Tree Nuts	58.5	54.3	65.6
Berries	7.8	5.3	7.2
Grapes	29.0	25.1	25.8
Tree Nuts	6.6	8.7	8.3
Citrus Fruits	1.2	1.6	3.2
Deciduous Tree Fruit	8.4	7.3	7.1
Other Fruits & Nuts	5.5	6.3	14.0
Total Horticultural Specialties	25.1	36.8	28.4
Ornamental Floral & Nursery	24.2	33.0	27.4
Food Crops Grown Under Cover	0.9	3.8	1.0
General Farm Primarily Crop	14.0	16.6	14.3
Agricultural Production/Livestock	22.1	20.5	21.5
Beef Cattle Feed Lots	0.1	1.1	0.3
Beef Cattle Except Feed Lots	0.8	3.2	2.2
Dairy Farms	7.6	8.1	11.0
Chicken Eggs	1.9	2.4	2.3
Turkey & Turkey Eggs	0.1	0.3	1.1
Other Livestock	11.6	5.4	4.6
Total Agricultural Services	105.7	114.2	88.0
Soil Preparation Services	1.9	0.1	1.2
Crop Services	29.8	31.5	33.9
Plant Cultivate & Protection	5.3	5.8	4.4
Harvest Primarily by Machine	5.3	2.2	6.0
Preparation Services for Market	17.8	21.8	22.6
Cotton Ginning	1.4	1.7	0.9
Total Farm Labor & Management	74.0	82.6	52.9
Farm Labor Contractors	69.7	77.5	44.5
Farm Management Services	4.3	5.1	8.4

Average Hourly Earnings (In dollars per hour)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	8.02	8.01	7.83
Total Agricultural Production/Crops	7.86	8.06	7.66
Cash Grains	8.36	8.76	7.74
Rice	8.26	8.96	7.80
Other Cash Grains	8.46	8.56	7.68
Field Crops Except Grains	8.03	8.24	7.41
Cotton	7.52	7.90	7.36
Other Field Crops	8.54	8.58	7.45
Vegetables and Melons	7.58	7.85	7.93
Total Fruits and Tree Nuts	7.53	7.63	7.48
Berries	6.97	6.97	6.88
Grapes	7.54	7.61	7.65
Tree Nuts	7.79	7.74	8.03
Citrus Fruits	7.77	7.52	7.44
Deciduous Tree Fruit	7.21	7.82	7.67
Other Fruits & Nuts	7.88	8.11	7.22
Total Horticultural Specialties	8.09	8.35	8.00
Ornamental Floral & Nursery	8.18	8.20	7.75
Food Crops Grown Under Cover	8.00	8.50	8.26
General Farm Primarily Crop	7.61	7.55	7.40
Agricultural Production/Livestock	7.88	7.69	7.47
Beef Cattle Feed Lots	8.00	7.78	7.45
Beef Cattle Except Feed Lots	7.86	7.68	7.60
Dairy Farms	7.86	7.56	8.19
Chicken Eggs	7.34	7.01	6.63
Turkey & Turkey Eggs	7.80	7.78	7.02
Other Livestock	8.41	8.32	7.95
Total Agricultural Services	8.33	8.28	8.35
Soil Preparation Services	8.66	8.28	8.86
Crop Services	8.54	8.51	8.40
Plant Cultivate & Protection	8.28	8.30	8.54
Harvest Primarily by Machine	8.46	8.65	8.14
Preparation Services for Market	7.97	8.08	7.68
Cotton Ginning	9.44	9.02	9.26
Total Farm Labor & Management	7.80	8.05	7.78
Farm Labor Contractors	7.63	7.81	7.25
Farm Management Services	7.97	8.30	8.30

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	22.3	36.4	30.3
Total Agricultural Production/Crops	18.1	21.9	19.4
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	1.8	0.9	0.7
Cotton	0.0	0.0	0.0
Other Field Crops	1.8	0.9	0.7
Vegetables and Melons	3.5	4.5	8.2
Total Fruits and Tree Nuts	4.2	3.5	3.1
Berries	1.2	1.2	2.5
Grapes	0.6	0.0	0.0
Tree Nuts	0.6	0.0	0.0
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.3	0.7	0.5
Other Fruits & Nuts	1.5	1.6	0.1
Total Horticultural Specialties	7.9	12.7	5.8
Ornamental Floral & Nursery	7.2	8.9	5.5
Food Crops Grown Under Cover	0.7	3.8	0.3
General Farm Primarily Crop	0.7	0.3	1.5
Agricultural Production/Livestock	0.4	0.7	0.6
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.2
Dairy Farms	0.0	0.0	0.0
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.4	0.7	0.3
Total Agricultural Services	3.8	13.8	10.3
Soil Preparation Services	0.8	0.1	0.2
Crop Services	0.4	5.9	7.2
Plant Cultivate & Protection	0.0	0.0	0.2
Harvest Primarily by Machine	0.0	0.2	2.7
Preparation Services for Market	0.4	5.7	4.3
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.6	7.8	2.9
Farm Labor Contractors	2.6	6.9	2.2
Farm Management Services	0.0	0.9	0.7

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	8.39	8.42	7.96
Total Agricultural Production/Crops	7.95	8.11	7.86
Cash Grains	na	na	8.04
Rice	na	na	na
Other Cash Grains	na	na	8.04
Field Crops Except Grains	8.49	8.80	7.11
Cotton	na	na	na
Other Field Crops	8.49	8.80	7.11
Vegetables and Melons	8.20	8.65	8.70
Total Fruits and Tree Nuts	7.59	7.66	7.85
Berries	6.93	7.30	6.87
Grapes	8.05	na	na
Tree Nuts	7.61	na	na
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.21	7.48	8.65
Other Fruits & Nuts	8.14	8.20	8.02
Total Horticultural Specialties	8.35	8.44	8.26
Ornamental Floral & Nursery	8.46	8.37	8.03
Food Crops Grown Under Cover	8.24	8.50	8.49
General Farm Primarily Crop	7.13	7.01	7.18
Agricultural Production/Livestock	8.93	8.71	7.46
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	7.48
Dairy Farms	na	na	na
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	6.96
Other Livestock	8.93	8.71	7.95
Total Agricultural Services	8.30	8.44	8.55
Soil Preparation Services	8.19	8.28	9.15
Crop Services	8.70	8.62	8.93
Plant Cultivate & Protection	na	na	8.71
Harvest Primarily by Machine	na	8.89	9.34
Preparation Services for Market	8.70	8.34	8.73
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.01	8.42	7.57
Farm Labor Contractors	8.01	8.17	6.68
Farm Management Services	na	8.66	8.45

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	15.8	28.8	22.2
Total Agricultural Production/Crops	8.5	9.5	6.9
Cash Grains	0.1	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.1	0.0	0.0
Field Crops Except Grains	1.6	1.7	0.8
Cotton	0.0	0.0	0.0
Other Field Crops	1.6	1.7	0.8
Vegetables and Melons	2.6	4.2	1.6
Total Fruits and Tree Nuts	1.9	1.6	1.3
Berries	0.0	0.0	0.0
Grapes	1.1	0.5	0.5
Tree Nuts	0.4	0.1	0.4
Citrus Fruits	0.2	0.1	0.0
Deciduous Tree Fruit	0.0	0.0	0.0
Other Fruits & Nuts	0.2	0.9	0.4
Total Horticultural Specialties	0.2	0.2	1.4
Ornamental Floral & Nursery	0.2	0.2	1.4
Food Crops Grown Under Cover	0.0	0.0	0.0
General Farm Primarily Crop	2.1	1.8	1.8
Agricultural Production/Livestock	0.9	3.6	4.6
Beef Cattle Feed Lots	0.0	0.0	0.2
Beef Cattle Except Feed Lots	0.1	1.7	0.5
Dairy Farms	0.3	1.5	1.8
Chicken Eggs	0.0	0.3	1.2
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.5	0.1	0.9
Total Agricultural Services	6.4	15.7	10.7
Soil Preparation Services	0.0	0.0	0.3
Crop Services	1.3	3.8	3.9
Plant Cultivate & Protection	0.6	0.3	0.3
Harvest Primarily by Machine	0.0	0.0	1.3
Preparation Services for Market	0.2	3.3	2.3
Cotton Ginning	0.5	0.2	0.0
Total Farm Labor & Management	5.1	11.9	6.5
Farm Labor Contractors	3.5	11.6	5.3
Farm Management Services	1.6	0.3	1.2

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	8.03	7.93	7.75
Total Agricultural Production/Crops	7.84	7.86	7.48
Cash Grains	8.65	na	na
Rice	na	na	na
Other Cash Grains	8.65	na	na
Field Crops Except Grains	8.28	8.55	7.34
Cotton	na	na	na
Other Field Crops	8.28	8.55	7.34
Vegetables and Melons	7.05	7.03	7.37
Total Fruits and Tree Nuts	7.62	7.86	7.71
Berries	na	na	na
Grapes	7.23	7.52	8.08
Tree Nuts	7.82	8.26	8.27
Citrus Fruits	8.02	7.87	na
Deciduous Tree Fruit	na	na	na
Other Fruits & Nuts	7.39	7.77	6.78
Total Horticultural Specialties	7.96	8.08	7.51
Ornamental Floral & Nursery	7.96	8.08	7.51
Food Crops Grown Under Cover	na	na	na
General Farm Primarily Crop	7.46	7.80	7.45
Agricultural Production/Livestock	8.08	7.79	7.74
Beef Cattle Feed Lots	na	na	7.40
Beef Cattle Except Feed Lots	7.51	7.42	7.40
Dairy Farms	8.21	8.11	9.07
Chicken Eggs	na	7.08	6.88
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.51	8.56	7.95
Total Agricultural Services	8.19	8.14	8.05
Soil Preparation Services	na	na	9.06
Crop Services	8.43	8.22	7.58
Plant Cultivate & Protection	8.28	8.18	8.64
Harvest Primarily by Machine	na	na	7.25
Preparation Services for Market	7.36	7.57	6.86
Cotton Ginning	9.64	8.91	na
Total Farm Labor & Management	7.95	8.06	7.50
Farm Labor Contractors	7.60	7.92	7.18
Farm Management Services	8.29	8.19	7.82

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	17.3	11.0	7.6
Total Agricultural Production/Crops	15.2	8.4	4.0
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.2	0.2	0.0
Cotton	0.0	0.0	0.0
Other Field Crops	0.2	0.2	0.0
Vegetables and Melons	9.6	2.2	0.5
Total Fruits and Tree Nuts	4.9	4.3	2.3
Berries	0.0	0.0	0.0
Grapes	3.6	4.1	2.0
Tree Nuts	0.0	0.0	0.0
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.2	0.2	0.3
Other Fruits & Nuts	1.1	0.0	0.0
Total Horticultural Specialties	0.1	0.2	1.1
Ornamental Floral & Nursery	0.1	0.2	0.9
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	0.4	1.5	0.1
Agricultural Production/Livestock	1.9	1.9	1.4
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.2	0.0	0.3
Dairy Farms	1.5	1.7	0.6
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.2
Other Livestock	0.2	0.2	0.3
Total Agricultural Services	0.2	0.7	2.2
Soil Preparation Services	0.0	0.0	0.2
Crop Services	0.1	0.3	0.1
Plant Cultivate & Protection	0.0	0.0	0.0
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.1	0.3	0.1
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	0.1	0.4	1.9
Farm Labor Contractors	0.1	0.0	0.8
Farm Management Services	0.0	0.4	1.1

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	8.11	8.28	7.78
Total Agricultural Production/Crops	8.40	8.45	7.81
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.92	8.92	na
Cotton	na	na	na
Other Field Crops	8.92	8.92	na
Vegetables and Melons	8.46	8.40	8.24
Total Fruits and Tree Nuts	7.86	8.63	7.35
Berries	na	na	na
Grapes	8.43	8.97	7.99
Tree Nuts	na	na	na
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.27	8.29	6.71
Other Fruits & Nuts	7.88	na	na
Total Horticultural Specialties	8.65	8.66	8.01
Ornamental Floral & Nursery	8.65	8.66	7.96
Food Crops Grown Under Cover	na	na	8.05
General Farm Primarily Crop	8.09	7.66	7.64
Agricultural Production/Livestock	7.72	7.61	7.25
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	7.94	na	7.53
Dairy Farms	7.27	7.04	6.79
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	7.10
Other Livestock	7.96	8.18	7.56
Total Agricultural Services	8.21	8.77	8.29
Soil Preparation Services	na	na	9.02
Crop Services	8.64	8.47	7.45
Plant Cultivate & Protection	na	na	na
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	8.64	8.47	7.45
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.78	9.06	8.40
Farm Labor Contractors	7.78	na	7.63
Farm Management Services	na	9.06	9.16

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	51.6	41.2	60.9
Total Agricultural Production/Crops	26.8	27.0	46.7
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	1.6	0.2	0.8
Cotton	0.0	0.0	0.0
Other Field Crops	1.6	0.2	0.8
Vegetables and Melons	5.6	6.8	12.6
Total Fruits and Tree Nuts	8.6	7.0	16.0
Berries	6.6	4.1	4.7
Grapes	0.5	1.8	1.4
Tree Nuts	0.0	0.0	0.0
Citrus Fruits	0.8	0.2	1.1
Deciduous Tree Fruit	0.0	0.0	0.0
Other Fruits & Nuts	0.7	0.9	8.8
Total Horticultural Specialties	10.0	12.8	15.1
Ornamental Floral & Nursery	10.0	12.8	14.6
Food Crops Grown Under Cover	0.0	0.0	0.5
General Farm Primarily Crop	1.0	0.2	2.1
Agricultural Production/Livestock	7.4	4.9	1.9
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.2	0.1
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	1.6	1.5	0.8
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	5.8	3.2	0.9
Total Agricultural Services	17.4	9.3	12.3
Soil Preparation Services	0.0	0.0	0.1
Crop Services	2.5	0.3	3.1
Plant Cultivate & Protection	0.4	0.2	0.3
Harvest Primarily by Machine	1.6	0.1	0.4
Preparation Services for Market	0.5	0.0	2.4
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	14.9	9.0	9.1
Farm Labor Contractors	13.6	8.5	7.5
Farm Management Services	1.3	0.5	1.6

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	8.07	7.87	7.86
Total Agricultural Production/Crops	7.96	8.00	7.60
Cash Grains	na	na	7.67
Rice	na	na	na
Other Cash Grains	na	na	7.67
Field Crops Except Grains	8.44	8.57	7.51
Cotton	na	na	na
Other Field Crops	8.44	8.57	7.51
Vegetables and Melons	7.26	7.93	7.74
Total Fruits and Tree Nuts	7.65	7.40	7.38
Berries	7.01	6.64	6.89
Grapes	7.50	7.04	7.42
Tree Nuts	na	na	na
Citrus Fruits	7.98	7.22	7.55
Deciduous Tree Fruit	na	na	na
Other Fruits & Nuts	8.11	8.69	7.65
Total Horticultural Specialties	8.17	8.29	7.80
Ornamental Floral & Nursery	8.17	8.29	7.37
Food Crops Grown Under Cover	na	na	8.23
General Farm Primarily Crop	8.26	7.82	7.49
Agricultural Production/Livestock	8.36	7.49	8.07
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	6.89	7.94
Dairy Farms	na	na	8.89
Chicken Eggs	7.68	6.86	6.65
Turkey & Turkey Eggs	na	na	na
Other Livestock	9.03	8.72	8.80
Total Agricultural Services	7.90	8.13	7.92
Soil Preparation Services	na	na	7.87
Crop Services	7.93	8.27	7.95
Plant Cultivate & Protection	8.10	8.26	8.35
Harvest Primarily by Machine	8.25	8.28	7.76
Preparation Services for Market	7.43	na	7.75
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.88	7.99	7.95
Farm Labor Contractors	7.88	8.12	7.69
Farm Management Services	7.87	7.86	8.20

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	154.5	147.5	124.6
Total Agricultural Production/Crops	72.1	68.2	63.2
Cash Grains	0.5	0.0	0.3
Rice	0.5	0.0	0.0
Other Cash Grains	0.0	0.0	0.3
Field Crops Except Grains	6.6	4.0	6.0
Cotton	2.9	2.4	2.9
Other Field Crops	3.7	1.6	3.1
Vegetables and Melons	17.3	12.0	9.9
Total Fruits and Tree Nuts	33.8	30.0	36.6
Berries	0.0	0.0	0.0
Grapes	22.7	18.7	21.4
Tree Nuts	4.3	3.5	5.2
Citrus Fruits	0.1	0.9	2.1
Deciduous Tree Fruit	5.7	4.6	5.1
Other Fruits & Nuts	1.0	2.3	2.8
Total Horticultural Specialties	4.8	9.7	2.9
Ornamental Floral & Nursery	4.8	9.7	2.9
Food Crops Grown Under Cover	0.0	0.0	0.0
General Farm Primarily Crop	9.1	12.5	7.5
Agricultural Production/Livestock	10.8	7.8	11.9
Beef Cattle Feed Lots	0.1	1.1	0.1
Beef Cattle Except Feed Lots	0.4	1.0	1.0
Dairy Farms	5.4	3.8	8.1
Chicken Eggs	0.3	0.6	0.3
Turkey & Turkey Eggs	0.1	0.3	0.7
Other Livestock	4.5	1.0	1.7
Total Agricultural Services	71.6	71.5	49.5
Soil Preparation Services	1.1	0.0	0.3
Crop Services	19.7	19.9	17.9
Plant Cultivate & Protection	3.9	4.8	3.1
Harvest Primarily by Machine	3.5	1.9	1.3
Preparation Services for Market	11.4	11.7	12.6
Cotton Ginning	0.9	1.5	0.9
Total Farm Labor & Management	50.8	51.6	31.3
Farm Labor Contractors	49.4	48.6	28.0
Farm Management Services	1.4	3.0	3.3

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	8.00	7.84	7.87
Total Agricultural Production/Crops	7.68	7.73	7.48
Cash Grains	8.14	na	7.47
Rice	8.14	na	na
Other Cash Grains	na	na	7.47
Field Crops Except Grains	8.07	8.07	7.47
Cotton	7.52	7.90	7.36
Other Field Crops	8.61	8.23	7.58
Vegetables and Melons	7.12	7.65	7.73
Total Fruits and Tree Nuts	7.70	7.64	7.17
Berries	na	na	na
Grapes	7.06	6.91	6.78
Tree Nuts	8.06	7.30	7.69
Citrus Fruits	8.08	8.06	7.33
Deciduous Tree Fruit	7.23	7.94	7.19
Other Fruits & Nuts	8.06	8.00	6.86
Total Horticultural Specialties	7.59	7.66	7.63
Ornamental Floral & Nursery	7.59	7.66	7.63
Food Crops Grown Under Cover	na	na	na
General Farm Primarily Crop	7.45	7.65	7.38
Agricultural Production/Livestock	7.94	7.79	7.51
Beef Cattle Feed Lots	8.00	7.78	7.50
Beef Cattle Except Feed Lots	8.12	8.52	7.91
Dairy Farms	8.35	7.77	8.30
Chicken Eggs	7.00	7.09	6.37
Turkey & Turkey Eggs	7.80	7.78	7.03
Other Livestock	8.37	7.81	7.94
Total Agricultural Services	8.38	8.00	8.63
Soil Preparation Services	9.12	na	9.49
Crop Services	8.45	8.40	8.36
Plant Cultivate & Protection	8.43	8.27	8.40
Harvest Primarily by Machine	8.63	8.78	8.32
Preparation Services for Market	7.49	7.43	7.45
Cotton Ginning	9.23	9.12	9.26
Total Farm Labor & Management	7.56	7.61	8.05
Farm Labor Contractors	7.37	7.50	7.27
Farm Management Services	7.75	7.71	8.83

na = not available

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	18.1	19.8	16.3
Total Agricultural Production/Crops	11.1	15.0	12.2
Cash Grains	0.8	1.2	0.9
Rice	0.5	0.5	0.6
Other Cash Grains	0.3	0.7	0.3
Field Crops Except Grains	0.5	0.2	0.4
Cotton	0.0	0.0	0.0
Other Field Crops	0.5	0.2	0.4
Vegetables and Melons	2.1	4.2	1.2
Total Fruits and Tree Nuts	5.1	7.9	6.3
Berries	0.0	0.0	0.0
Grapes	0.5	0.0	0.5
Tree Nuts	1.3	5.1	2.7
Citrus Fruits	0.1	0.4	0.0
Deciduous Tree Fruit	2.2	1.8	1.2
Other Fruits & Nuts	1.0	0.6	1.9
Total Horticultural Specialties	1.9	1.2	2.1
Ornamental Floral & Nursery	1.9	1.2	2.1
Food Crops Grown Under Cover	0.2	0.0	0.0
General Farm Primarily Crop	0.7	0.3	1.3
Agricultural Production/Livestock	0.7	1.6	1.1
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.1	0.3	0.1
Dairy Farms	0.4	1.1	0.4
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.2	0.2	0.5
Total Agricultural Services	6.3	3.2	3.0
Soil Preparation Services	0.0	0.0	0.1
Crop Services	5.8	1.3	1.7
Plant Cultivate & Protection	0.4	0.5	0.5
Harvest Primarily by Machine	0.2	0.0	0.3
Preparation Services for Market	5.2	0.8	0.9
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	0.5	1.9	1.2
Farm Labor Contractors	0.5	1.9	0.7
Farm Management Services	0.0	0.0	0.5

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Jan 2000	Dec 1999	Jan 1999
Total Agriculture	7.75	7.86	7.70
Total Agricultural Production/Crops	7.79	7.93	7.70
Cash Grains	8.33	8.76	7.66
Rice	8.38	8.96	7.80
Other Cash Grains	8.27	8.56	7.52
Field Crops Except Grains	8.49	8.42	7.71
Cotton	na	na	na
Other Field Crops	8.49	8.42	7.71
Vegetables and Melons	7.36	7.41	7.81
Total Fruits and Tree Nuts	7.30	7.51	7.76
Berries	na	na	na
Grapes	6.96	na	8.00
Tree Nuts	7.68	7.65	8.12
Citrus Fruits	7.00	6.92	na
Deciduous Tree Fruit	7.13	7.58	8.11
Other Fruits & Nuts	7.71	7.89	6.79
Total Horticultural Specialties	8.00	8.12	8.01
Ornamental Floral & Nursery	8.24	8.12	8.01
Food Crops Grown Under Cover	7.75	na	na
General Farm Primarily Crop	7.28	7.36	7.26
Agricultural Production/Livestock	7.71	7.71	7.43
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	7.88	7.89	7.33
Dairy Farms	7.60	7.31	7.91
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	6.98
Other Livestock	7.65	7.93	7.49
Total Agricultural Services	7.74	7.95	7.97
Soil Preparation Services	na	na	8.55
Crop Services	8.34	8.54	8.16
Plant Cultivate & Protection	8.32	8.49	8.61
Harvest Primarily by Machine	8.49	na	8.01
Preparation Services for Market	8.20	8.59	7.85
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.14	7.35	7.21
Farm Labor Contractors	7.14	7.35	7.07
Farm Management Services	na	na	7.35

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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Labor Market Information Division
Publications Information Unit
7000 Franklin Blvd., Building 1100
Sacramento, CA 95823

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